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(54) Title: RHO ANTIBODY AND TAG TO PURIFY CELL SURFACE PROTEINS

(57) Abstract: A process for the expression and purification of membrane associated proteins is provided. A process for the expression and purification of membrane proteins such as G-protein coupled receptors is provided. A hybrid polypeptide is constructed from a protein of interest and a peptide tag from the amino-terminus extracellular domain of rhodopsin. A method for purifying the hybrid protein using the rhodopsin tag is provided. Methods of detecting the expressed hybrid are also provided.

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